

§1.821(f) and (g) stating that the content of the paper and computer-readable copies are the same and include no new matter.

The application has been amended to provide sequence identifiers in accordance with 37 C.F.R. § 1.82(d). No new matter has been added by the amendments.

Applicants submit that the application is now fully compliant with Sequence Rules 37 C.F.R. §§ 1.821-1.825.

Please associate the enclosed declaration with the application, grant any extension of time required to enter this response, and charge any required fee to deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: June 10, 2002

By: 

Ellen J. Kapinos  
Reg. No. 32,245

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

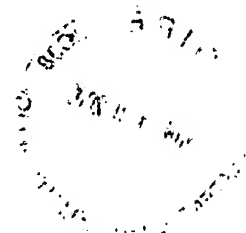
1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

page 25:

# Appendix Showing Changes Made to Application

5 **Table I** Oligonucleotide primers used for PCR amplification of probes

Oligonucleotide primers / Reference /	Size (bp)	(SEQ ID NO:1)
Human BETA2-MICROGLOBULIN/	270	
10 Sense: 5'-TCTGGCCTTGAGGCTATCCAGCGT-3' Antisense: 5'-GTGGTTCACACGGCAGGCATACTC-3'		Majumdar et al (1998) (SEQ ID NO:2)
Human COL2A1/	451	X16468
15 Sense: 5'-AACCTGGACAGAGGGAAGC-3' Antisense: 5'-GGGGCCAGGATTCCATTAC-3'		(SEQ ID NO:3) (SEQ ID NO:4)
Human AGGRECAN/	450	M55172
Sense: 5'-TACTCTGGGTTTTTCGTGACTC-3' Antisense: 5'-CGATGCCTTTCACCACGACTT-3'		(SEQ ID NO:5) (SEQ ID NO:6)
Human Sox-9/	381	Z46629
20 Sense: 5'-CCCGATCTGAAGAAGGAGAGC-3' Antisense: 5'-GTTCTTCACCGACTTCCTCCG-3'		(SEQ ID NO:7) (SEQ ID NO:8)
Human COMP/	501	L32137
25 Sense: 5'-GCAGATGCTTCGGGAAGTCA-3' Antisense: 5'-TTGATGCACACGGAGTTGGGG-3'		(SEQ ID NO:9) (SEQ ID NO:10)



Page 31:

Table II Oligonucleotide primers for RT-PCR elisa.

5	Oligonucleotide primers / 5'-biotinylated probes	Size (bp)	Reference / Accession #
	Human BETA2-MICROGLOBULIN	270	Majumdar et al. (1998)
	Sense: 5'-TCTGGCCTTGAGGCTATCCAGCGT-3' (SEQ ID NO: 1)		
	Antisense: 5'-GTGGTTCACACGGCAGGCATACTC-3' (SEQ ID NO: 2)		
10	Probe: 5'-Biotinylated CATCCATCCGACATTGAAGTTGAC-3' (SEQ ID NO: 11)		
	Human COL2A1/	451	X16468
	Sense: 5'-TCCCAAAGGTGCTCGAGGAGA-3' (SEQ ID NO: 12)		
	Antisense: 5'-CTCACCACGATCACCCTTGAC-3' (SEQ ID NO: 13)		
	Probe: 5'-Biotinylated GAGAGAGGATTCCCTGGCTT-3' (SEQ ID NO: 14)		
15	Human AGGRECAN/	450	M55172
	Sense: 5'-TACTCTGGGTTTTCGTGACTC-3' (SEQ ID NO: 5)		
	Antisense: 5'-CGATGCCTTTCACCACGACTT-3' (SEQ ID NO: 6)		
	Probe: 5'-Biotinylated GAGAAGGAGGTAGTGCTGCT (SEQ ID NO: 15)		
	Human LINK PROTEIN	361	X17405
20	Sense: 5'-GCTGATTTC AATCTGCTGGG -3' (SEQ ID NO: 16)		
	Antisense: 5'-GTCTGTGATGACCAGAGAAGC -3' (SEQ ID NO: 17)		
	Probe: 5'-Biotinylated AGCATTGGCTCAGGAATCC-3' (SEQ ID NO: 18)		